

SEQUENCE LISTING

<110> Immunex Corporation
Anderson, Dirk M

<120> LECTIN SS3939 DNA AND POLYPEPTIDES

<130> 2883-US

<160> 9

<170> PatentIn version 3.1

<210> 1

<211> 2005

<212> DNA

<213> Homo sapiens

<400> 1

tgtcgcgcac gcctctgccc gccagcccgc tccaccgccg tagcgcccga gtgtcggggg	60
gcgcacccga gtcggggccat gaggccggga accgcgctac aggccgtgct gctggccgtg	120
ctgctggtgg ggctgcgggc cgcgacgggt cgcttctga gtgggcagcc agtctgccgg	180
ggagggacac agaggccttg ttataaagtc atttacttcc atgatacttc tcgaagactg	240
aactttgagg aagccaaaga agcctgcagg agggatggag gccagctagt cagcatcgag	300
tctgaagatg aacagaaaact gatagaaaag ttcatgaaa acctcttgcc atctgatggt	360
gacttctgga ttgggctcag gaggcgtgag gagaaacaaa gcaatagcac agcctgccag	420
gacctttatg cttggactga tggcagcata tcacaattta ggaactggta tgtggatgag	480
ccgtcctgcg gcagcgaggt ctgctgtgtc atgtaccatc agccatcggc acccgctggc	540
atcggaggcc cctacatgtt ccagtggaaat gatgaccggt gcaacatgaa gaacaatttc	600
atttgcaaat attctgatga gaaaccagca gttccttcta gagaagctga aggtgaggaa	660
acagagctga caacacctgt acttccagaa gaaacacagg aagaagatgc caaaaaaaca	720
tttaaagaaa gtagagaagc tgccttgaat ctggcctaca tcctaattccc cagcattccc	780
cttctcctcc tccttgttgt caccacagtt gtatgttggg tttggatctg tagaaaaaga	840
aaacggggagc agccagacct agaggtctac aatgtcataa gaaaacaaag cgaagctgac	900
cagggaacaa gcccgacact agaggtctac aatgtcataa gaaaacaaag cgaagctgac	960
ttagctgaga cccggccaga cctgaagaat atttcattcc gagtgtgttc gggagaagcc	1020
actcccgatg acatgtcttg tgactatgac aacatggctg tgaacccatc agaaagtggg	1080
tttgtgactc tgggtgagcgt ggagagtgga tttgtgacca atgacattta tgagttctcc	1140
ccagacaaaa tggggaggag taaggagtct ggatgggtgg aaaatgaaat atatggttat	1200
taggacatat aaaaaactga aactgacaac aatggaaaag aatgataag caaaatcctc	1260

09887055-062201

09887855.062204

```

ttattttcta taaggaaaat acacagaagg tctatgaaca agcttagatc aggtcctgtg 1320
gatgagcatg tgggtcccccac gacctcctgt tggaccccca cgttttggct gtatccttta 1380
tcccagccag tcatccagct cgaccttatg agaaggtacc ttgccaggt ctggcacata 1440
gtagagtctc aataaatgtc acttggttggt ttgtatctaa cttttaaggg acagagcttt 1500
acctggcagt gataaagatg ggctgtggag cttggaaaac cacctctgtt ttccttgctc 1560
tatacagcag cacatattat catacagaca gaaaatccag aatcttttca aagcccacat 1620
atggtagcac aggttggcct gtgcatcggc aattctcata tctgtttttt tcaaagaata 1680
aaatcaaata aagagcagga aacagagtgt tagtctgtgt ctacagccct tcctctgcat 1740
gtggccacag gggacctttt tttgtttctc ctgacatcca gacttggaatc tatctaacta 1800
cttgcaaaaac taaaaatgag gccaggcgca gtggctgacg cctgtaatcc cagaaccttg 1860
ggagaccaag attggaggat agcttgagtt caggagttcc agaccttcct gggcaaaata 1920
gtgagactct gactctacaa aaaatttaaa aattagcagg gcatggtggc atgcgcctgc 1980
agtcccagct actcaggagg ccgag 2005

```

```

<210> 2
<211> 374
<212> PRT
<213> Homo sapiens

```

<400> 2

```

Met Arg Pro Gly Thr Ala Leu Gln Ala Val Leu Leu Ala Val Leu Leu
1          5          10          15

```

```

Val Gly Leu Arg Ala Ala Thr Gly Arg Leu Leu Ser Gly Gln Pro Val
20          25          30

```

```

Cys Arg Gly Gly Thr Gln Arg Pro Cys Tyr Lys Val Ile Tyr Phe His
35          40          45

```

```

Asp Thr Ser Arg Arg Leu Asn Phe Glu Glu Ala Lys Glu Ala Cys Arg
50          55          60

```

```

Arg Asp Gly Gly Gln Leu Val Ser Ile Glu Ser Glu Asp Glu Gln Lys
65          70          75          80

```

```

Leu Ile Glu Lys Phe Ile Glu Asn Leu Leu Pro Ser Asp Gly Asp Phe
85          90          95

```

```

Trp Ile Gly Leu Arg Arg Arg Glu Glu Lys Gln Ser Asn Ser Thr Ala
100         105         110

```

09887855-062204

Cys Gln Asp Leu Tyr Ala Trp Thr Asp Gly Ser Ile Ser Gln Phe Arg
115 120 125

Asn Trp Tyr Val Asp Glu Pro Ser Cys Gly Ser Glu Val Cys Val Val
130 135 140

Met Tyr His Gln Pro Ser Ala Pro Ala Gly Ile Gly Gly Pro Tyr Met
145 150 155 160

Phe Gln Trp Asn Asp Asp Arg Cys Asn Met Lys Asn Asn Phe Ile Cys
165 170 175

Lys Tyr Ser Asp Glu Lys Pro Ala Val Pro Ser Arg Glu Ala Glu Gly
180 185 190

Glu Glu Thr Glu Leu Thr Thr Pro Val Leu Pro Glu Glu Thr Gln Glu
195 200 205

Glu Asp Ala Lys Lys Thr Phe Lys Glu Ser Arg Glu Ala Ala Leu Asn
210 215 220

Leu Ala Tyr Ile Leu Ile Pro Ser Ile Pro Leu Leu Leu Leu Leu Val
225 230 235 240

Val Thr Thr Val Val Cys Trp Val Trp Ile Cys Arg Lys Arg Lys Arg
245 250 255

Glu Gln Pro Asp Pro Ser Thr Lys Lys Gln His Thr Ile Trp Pro Ser
260 265 270

Pro His Gln Gly Asn Ser Pro Asp Leu Glu Val Tyr Asn Val Ile Arg
275 280 285

Lys Gln Ser Glu Ala Asp Leu Ala Glu Thr Arg Pro Asp Leu Lys Asn
290 295 300

Ile Ser Phe Arg Val Cys Ser Gly Glu Ala Thr Pro Asp Asp Met Ser
305 310 315 320

Cys Asp Tyr Asp Asn Met Ala Val Asn Pro Ser Glu Ser Gly Phe Val
325 330 335

Thr Leu Val Ser Val Glu Ser Gly Phe Val Thr Asn Asp Ile Tyr Glu
340 345 350

Phe Ser Pro Asp Gln Met Gly Arg Ser Lys Glu Ser Gly Trp Val Glu
 355 360 365

Asn Glu Ile Tyr Gly Tyr
 370

<210> 3
 <211> 618
 <212> DNA
 <213> Homo sapiens

<400> 3
 gcgacgggtc gcctgctgag tgggcagcca gtctgccggg gagggacaca gaggccttgt 60
 tataaagtca tttacttcca tgatacttct cgaagactga actttgagga agccaaagaa 120
 gcctgcagga gggatggagg ccagctagtc agcatcgagt ctgaagatga acagaaactg 180
 atagaaaagt tcattgaaaa cctcttgcca tctgatggtg acttctggat tgggctcagg 240
 aggcgtgagg agaaacaaag caatagcaca gcctgccagg acctttatgc ttggactgat 300
 ggcagcatat cacaatttag gaactggtat gtggatgagc cgtcctgcgg cagcgaggtc 360
 tgcgtggtca tgtaccatca gccatcggca cccgctggca tcggaggccc ctacatgttc 420
 cagtggaatg atgaccggtg caacatgaag aacaatttca ttgcaaata ttctgatgag 480
 aaaccagcag ttcttcttag agaagctgaa ggtgaggaaa cagagctgac aacacctgta 540
 cttccagaag aaacacagga agaagatgcc aaaaaaacat ttaaagaaag tagagaagct 600
 gccttgaatc tggcctac 618

<210> 4
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 4
 tggatctgta gaaaaagaaa acgggagcag ccagacccta gcacaaagaa gcaacacacc 60
 atctggccct ctctcacca gggaaacagc ccggacctag aggtctacaa tgtcataaga 120
 aaacaaagcg aagctgactt agctgagacc cggccagacc tgaagaatat ttcattccga 180
 gtgtgttcgg gagaagccac tcccgatgac atgtcttgtg actatgacaa catggctgtg 240
 aacccatcag aaagtgggtt tgtgactctg gtgagcgtgg agagtggatt tgtgaccaat 300
 gacatttatg agttctcccc agaccaaagt gggaggagta aggagtctgg atgggtggaa 360
 aatgaaatat atggttat 378

<210> 5
 <211> 206
 <212> PRT

090805 062201

<213> Homo sapiens

<400> 5

Ala Thr Gly Arg Leu Leu Ser Gly Gln Pro Val Cys Arg Gly Gly Thr
1 5 10 15

Gln Arg Pro Cys Tyr Lys Val Ile Tyr Phe His Asp Thr Ser Arg Arg
20 25 30

Leu Asn Phe Glu Glu Ala Lys Glu Ala Cys Arg Arg Asp Gly Gly Gln
35 40 45

Leu Val Ser Ile Glu Ser Glu Asp Glu Gln Lys Leu Ile Glu Lys Phe
50 55 60

Ile Glu Asn Leu Leu Pro Ser Asp Gly Asp Phe Trp Ile Gly Leu Arg
65 70 75 80

Arg Arg Glu Glu Lys Gln Ser Asn Ser Thr Ala Cys Gln Asp Leu Tyr
85 90 95

Ala Trp Thr Asp Gly Ser Ile Ser Gln Phe Arg Asn Trp Tyr Val Asp
100 105 110

Glu Pro Ser Cys Gly Ser Glu Val Cys Val Val Met Tyr His Gln Pro
115 120 125

Ser Ala Pro Ala Gly Ile Gly Gly Pro Tyr Met Phe Gln Trp Asn Asp
130 135 140

Asp Arg Cys Asn Met Lys Asn Asn Phe Ile Cys Lys Tyr Ser Asp Glu
145 150 155 160

Lys Pro Ala Val Pro Ser Arg Glu Ala Glu Gly Glu Glu Thr Glu Leu
165 170 175

Thr Thr Pro Val Leu Pro Glu Glu Thr Gln Glu Glu Asp Ala Lys Lys
180 185 190

Thr Phe Lys Glu Ser Arg Glu Ala Ala Leu Asn Leu Ala Tyr
195 200 205

<210> 6

<211> 126

<212> PRT

<213> Homo sapiens

09837855-062201

<400> 6

Trp Ile Cys Arg Lys Arg Lys Arg Glu Gln Pro Asp Pro Ser Thr Lys
1 5 10 15

Lys Gln His Thr Ile Trp Pro Ser Pro His Gln Gly Asn Ser Pro Asp
20 25 30

Leu Glu Val Tyr Asn Val Ile Arg Lys Gln Ser Glu Ala Asp Leu Ala
35 40 45

Glu Thr Arg Pro Asp Leu Lys Asn Ile Ser Phe Arg Val Cys Ser Gly
50 55 60

Glu Ala Thr Pro Asp Asp Met Ser Cys Asp Tyr Asp Asn Met Ala Val
65 70 75 80

Asn Pro Ser Glu Ser Gly Phe Val Thr Leu Val Ser Val Glu Ser Gly
85 90 95

Phe Val Thr Asn Asp Ile Tyr Glu Phe Ser Pro Asp Gln Met Gly Arg
100 105 110

Ser Lys Glu Ser Gly Trp Val Glu Asn Glu Ile Tyr Gly Tyr
115 120 125

<210> 7

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:
antigenic peptide used in fusion proteins

<400> 7

Asp Tyr Lys Asp Asp Asp Asp Lys
1 5

<210> 8

<211> 27

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: leucine zipper polypeptide

<400> 8

Pro Asp Val Ala Ser Leu Arg Gln Gln Val Glu Ala Leu Gln Gly Gln
1 5 10 15

Val Gln His Leu Gln Ala Ala Phe Ser Gln Tyr
20 25

<210> 9
<211> 33
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: leucine zipper polypeptide
<400> 9

Arg Met Lys Gln Ile Glu Asp Lys Ile Glu Glu Ile Leu Ser Lys Ile
1 5 10 15

Tyr His Ile Glu Asn Glu Ile Ala Arg Ile Lys Lys Leu Ile Gly Glu
20 25 30

Arg

09087855-062204